PAC98 RDD Justification

The justification for each Question in the two surveys is provided below. Questions asked of all respondents are denoted with an "AR." Questions asked of respondents that have not fished within the last 2 months only are denoted with an "AB," i.e. Version A and B anglers. A "C" denotes questions asked of respondents that have fished during the two-month wave. Referring to the RDD variable description, Version C, will be used as the base questionnaire. Question numbers for version AB is placed in parentheses next to the version C number.

All Categories

Screening Questions: Screens angler into different versions of the survey. Version A anglers have fished, but not in the last twelve months. Version B anglers have fished in the last twelve months, but not in the last two months. Version C anglers have fished in last two months.

Version C

Question 1   C – Asks whether or not a particular species was targeted in the last two months of fishing. The responses from this question can be used to develop species preferences and effort levels.
SKIP JUSTIFICATION: If no Particular species was targeted, Q2-8 are skipped

Question 2   C – First targeted species. See Q1.

Question 3   C – Verbatim for other targeted species. See Q1.

Question 4   C – Second targeted species. See Q1.

Question 5   C – Verbatim for other targeted species. See Q1.

Question 6   C – Third targeted species. See Q1.

Question 7   C – Days spent fishing for first target will be used to estimate effort for target 1.

Question 8   C – Days spent fishing for second target will be used to estimate effort for target 2.

Question 9   C – Anglers are asked if they have taken any other trips outside of the two month time span referenced in the questions above.
SKIP JUSTIFICATION: If the angler has not made a trip in the previous twelve months, the questions pertaining to those trips are skipped. Interview resumes at Q20, boat ownership.

Question 10(1)   AR – Number of days fished in the last year is asked to estimate overall fishing effort.

Question 11(2)   AR – Angler is asked which mode, shore or boat, was used for most of their fishing in the last 12 months. Mode characterizes effort and can be used in angler profiles.
SKIP PATTERN: Anglers fishing from boats are not asked about specific shore mode forms and anglers fishing from shore are not asked about specific boat mode forms.

Question 12(3)   AR – Again, type of boat mode is asked to characterize boat effort and to develop angler profiles.

Question 13(4)   AR - Again, type of shore mode is asked to characterize shore effort and to develop angler profiles.

Question 14(5)   AR – Asks whether or not a particular species was targeted in the last twelve months of fishing. The responses from this question can be used to develop species preferences and effort levels.
SKIP JUSTIFICATION: If no Particular species was targeted, Q15-19 are skipped

Question 15(6)   AR – First targeted species. See Q14.

Question 16(7)   AR – Verbatim for other targeted species. See Q14.

Question 17(8)   AR – Second targeted species. See Q14.

Question 18(9)   AR – Verbatim for other targeted species. See Q14.

Question 19(10)   AR – Third targeted species. See Q14.

Question (11)   AB – Anglers not fishing in the last 2 months are asked why they do not fish more often. Response ranged from issues dealing with policy and or current fish stocks to personal reasons like bad health or a lack of time. This question was asked to determine if declining salmon stocks and increasingly complex regulations have changed angling behavior.
SKIP JUSTIFICATION: If reason is of a personal nature, Q12-14 are skipped.

Question (12)   AB – Anglers concerned about fish stocks or policy issues are asked if these concerns relate to a particular species.
SKIP JUSTIFICATION: If not tied to a particular species, Q13 and Q14 are skipped.

Question (13)   AB – Species of concern.

Question (14)   AB – Verbatim for species of concern.

Question 20(15)   AR - Boat ownership may influence attitudes toward fishing and may affect the type of trip, species targeting behavior, and fishing site selection.

Question 21(16)   AR – The number of years a respondent has been saltwater recreational fishing will be used to characterize anglers. Years of experience may be treated as a measure of avidity and used in modeling the economic value of saltwater recreational fishing. Years of fishing experience may also be correlated with attitudes toward fishing and a variety of other characteristics such as boat ownership and investment in fishing equipment.

Question 22(17)   AR – Fishing ability also describes skill and can be used in economic models and to develop angler profiles.

Question 23(18)   AR – Year born is used to determine age to used for angler profiling and economic modeling.

Question 24(19)   Age categories are used if the respondent is uncomfortable giving their birth year. This question is skipped for those answering Q23.

Question 25(20)   AR – Number in household under 16 is used for demographic profiling.

Question 26(21)   AR - Race will be used to develop angler profiles for the Regions. Social and demographic factors may also be used in developing the behavioral model to estimate saltwater recreational fishing values.

Question 27(22)   AR – Verbatim for other ethnicity.

Question 28(23) AR – Educational attainment of the respondent will be used to develop a profile of participation behavior in the Regions.

Question 29(24) AR - Employment status will be used to develop angler profiles. Past research using the travel cost method and its variants have stressed the importance of assigning a value to the individual's opportunity cost of time. The opportunity cost of time may be thought of as being affected by whether the individual is employed, the nature of the employment, whether any income was actually foregone in order to take the trip, and the value of the foregone income. All of these factors will be evaluated and used in the economic valuation model to compute an appropriate value of time.

Question 30(25) AR – Verbatim response for other employment.

Question 31(26) AR - Total annual household income will be used to develop angler profiles for the Regions. Also, income is an explanatory variable used in the estimation of economic valuation models. Thus, income will be used in estimation of saltwater recreational fishing values in each Region.

Question 32(27) AR – Number of individuals contributing to the household income pool can be used to describe angler profiles and increase the accuracy of opportunity cost of time estimates used in travel cost models.

Gender   AR – This is not asked but recorded based on the interviewer's impression. Gender will be used to develop a profile of participation behavior. Past studies have shown gender to be related to the likelihood that a respondent fishes, with women being less likely to participate.